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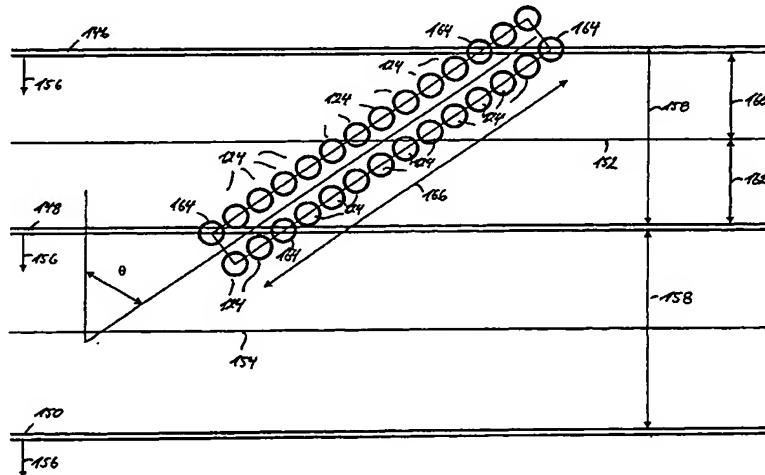
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(54) Title: A WAVE POWER APPARATUS COMPRISING A PLURALITY OF ARMS ARRANGED TO PIVOT WITH A MUTUAL PHASE SHIFT



(57) Abstract: A wave power apparatus includes a plurality of rotationally supported arms, each of which carries a float (124) at its free end, so that a translational movement of the float caused by a wave results in rotation of the arm. The apparatus comprises power conversion means for converting power transmitted from the wave to the arms into electric power, e.g. a hydraulic system, in which a hydraulic fluid is displaced by the movement of the arms to drive one or more hydraulic motors. The plurality of arms are arranged in a row such that a wave passing the row of arms causes the arms to successively pivot with a mutual phase shift. Thereby, an even power output may be achieved, and the need for frequency converters may be reduced or eliminated. Preferably, each arm is connected to a hydraulic cylinder of the hydraulic system, whereby a plurality of arms feed hydraulic medium into the hydraulic motor or motors through common hydraulic conduits.

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